

## Demonstrated Operations Status of GDAAC Mission-Critical Capabilities

Activity	Functionality Demonstrated	Comments	Performance Isolated	Demonstrated Under Load	Comments	
Ingest:	MODIS L0 data	Yes	EDOS: Yes	Not Checked	Demonstrated full volume under minimal other load, 5/ 4 -5/7/99	
	MODIS Expedited data	Yes				
	Aster Expedited data	Yes				
	EDOS s/c ancillary data	Maybe				
	FDD attitude data	Yes				
	(Larry) NCEP Final Analysis (GDAS_0ZF)	No				
	(Larry) TOVS Column Ozone Daily Product (OZ_DAILY)	Yes				
	(Larry) EP-TOMS Column ozone (OZONEEP)	Yes				
	(Larry) Reynolds weekly SST (REYNSSST)	Yes				
	(Larry) NCEP 0.5 degree Ice Concentration (SEA_ICE)	Yes				
Archive:	(Larry) FNMOC Ocean Mixed Layer Depth (FNMOC_ML)	Yes	Larry: Yes	Not Checked	Demonstrated full volume under minimal other load, 5/ 4 -5/7/99	
	MODIS L0 data	Yes				
	FDD attitude data	Yes				
	(Larry) NCEP Final Analysis (GDAS_0ZF)	No				
	(Larry) TOVS Column Ozone Daily Product	Yes				
	(Larry) EP-TOMS Column ozone	Yes				
	(Larry) Reynolds weekly SST	Yes				
	(Larry) NCEP 0.5 degree Ice Concentration	Yes				
	(Larry) FNMOC Ocean Mixed Layer Depth	Yes				
	DPREP output	Yes				
	MODIS L1A	Yes				
	MODIS Geolocation	Yes				
	MODIS L1B	Yes				
	MODIS Cloud Mask	Yes				
Produce:	MODIS Atmospheric Profiles	Yes	Not Checked	Not Checked	Full archive performance for these products cannot be demonstrated until full production volumes are available	
	MODIS Volcano Alert	Yes				
	DPREP of APID 4 and FDD data	Yes				
	MODIS L1A	Yes				
	MODIS Geolocation	Yes				
	MODIS L1B	Yes				
	MODIS L1B Subsets for LaTIS	Not Checked				
Distribute:	PGE not in Ops yet	Requires GDAS; bad format; NCR 18417	Not Checked	Not Checked	Multiple system problems prevent full performance; working the problems with ECS support.	
	MODIS Cld Mask, Atm Profiles, Volc Alert	Maybe				
	DPREP Output to MODAPS	Yes				
	Geolocation to MODAPS	Yes				
	MODIS L1B to MODAPS	Yes				
	MODIS Cloud Mask to MODAPS	Yes				
	Atmospheric Profile to MODAPS	Yes				
Ancillary data to MODAPS		Maybe	NCR 22510		Not Checked	
Subsetted MODIS L1B to LaTIS		Maybe	Sent sample; proved data link		Not Checked	
APID 4 to LDAAC		Maybe	Need EDOS to correct hostname		Not Checked	

## Demonstrated Operations Status of GDAAC Mission-Critical Capabilities

Activity	Functionality Demonstrated	Comments	Performance Isolated	Demonstrated Under Load	Comments
MODIS L1A for science QA	Yes		No	Not Checked	system does not generate shipping labels.
MODIS Geolocation for science QA	Yes		No	Not Checked	
MODIS L1B for science QA	Yes		No	Not Checked	
MODIS Cloud Mask for science QA	Yes		No	Not Checked	
MODIS Atmospheric Profiles for science QA	Yes		No	Not Checked	
MODIS Volcano Alert for science QA	Yes		No	Not Checked	
MODIS Expedited Data to MCST	Yes		No	Not Checked	
ASTER Expedited Data to ASTER GDS	Yes		No	Not Checked	
ASTER Expedited Data to EDC	Yes		No	Not Checked	
Subscriptions to users	Yes		No	Not Checked	
Ad-hoc Requests to users	Not Checked	Will test when VO Interop. works	Not Checked	Not Checked	
Interoperate with VO; Valid, Search & Order	Maybe	Valids, user registration issues	Not Checked	Not Checked	Cannot check performance until functionality is green.
Update Metadata:	MODIS Geolocation	Maybe	tested internally in TS1	Not Checked	Full QA update performance cannot be demonstrated until distribution volumes will support QA.
	MODIS L1B	Maybe	MCST contact in progress	Not Checked	
	MODIS Cloud Mask	Yes		Not Checked	
	MODIS Atmospheric Profiles	Yes		Not Checked	
Update PGEs:	Any PGE in Production	Not Checked	Procedure not tested in Ops	Not Checked	Procedure not tested in Ops

Key:	Functionality		Performance
	Yes	Maybe	
Yes	Demonstrated at GDAAC in Ops Mode on the most recent version of 4PY		>90% of Required At-Launch Performance
Maybe	Demonstrated at GDAAC on 4PY but in a mode other than Ops or on a version not currently installed in Ops.		50 - 90% of Required At-Launch Performance
No	Does not work on 4PY at GDAAC		<50% of Required At-Launch Performance
Not Checked	Not yet attempted at GDAAC		Not yet attempted at GDAAC